



# EIC 2800

## SEARCH REPORT



STIC Database Tracking Number: 361855

To: SEUNGSOOK HAM

Location: JEF-8D65

Art Unit: 2817

Monday, April 18, 2011

Case Serial Number: 09/998002

From: DIANE JACKSON

Location: EIC2800

JEF-4B68

Phone: (571)272-3260

diane.jackson@uspto.gov

### Search Notes

Hi,

Attached are litigation search results in Lexis Nexis, and CourtLink and Q-Pat/Orbit.

No Litigation was found for Serial Number 09/998002 and Patent Number 5995221.

If you have any questions, please feel free to contact me.

Thanks,

Diane

Jackson, Diane

APR 18 2011

361855

From: Ham, Seungsook  
Sent: Monday, April 18, 2011 9:27 AM  
To: STIC-EIC2800  
Subject: litigation search for reissue application: 09/998002

Could you do a litigation search for above reissue application and send me a copy?

Thanks,  
Seungsook(Robyn) Ham  
U.S. Patent & Trademark Office  
TC 2800 TQAS (detailee)  
Jeff. bldg. 8D65  
571-272-2405

5, 995, 221

**Application Number Information**

Application Number: 09/998002 Assignments

Filing or 371(c) Date: 11/30/2001 eDan

Effective Date: 11/30/2001

Application Received: 12/03/2001

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: HJY0105R

Status: 71/RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER

Oral Hearing: NO

Title of Invention: MODIFI

#### Other Settings

Secrecy Ordcr: NO

Status Date: 02/07/2011

## Title of Invention: MODIFIED CONCENTRIC SPECTROGRAPH

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09998002ZA	28C1	11/27/2009	No Charge to Location	No Charge to Name	SIRIKOOL.PHAYSENG	RND/00/A 41

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# Continuity/Reexam Information for 09/998002

**Parent Data**

09998002, filed 11/30/2001 and having 1 RCE-type filing therein  
is a reissue of 08884417, filed 06/27/1997, now U.S. Patent #5995221  
08884417 Claims Priority from Provisional Application 60039207, filed 02/28/1997

**Child Data**

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## Application Number Information

Application Number: 08/884417 AssignmentsFiling or 371(c) Date: 06/27/1997 Dan

Effective Date: 06/27/1997

Application Received: 06/27/1997

Patent Number: 5995221

Issue Date: 11/30/1999

Date of Abandonment: 00/00/0000

Attorney Docket Number: ISA-3

Status: 150 /PATENTED CASE

Confirmation Number: 6192

Title of Invention: MODIFIED CONCENTRIC SPECTROGRAPH

Examiner Number: 68378 / HANTIS, KAREN

Group Art Unit: 2876

Class/Subclass: 356/326.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 11/19/1999

Oral Hearing: NO

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
08884417	28E1	10/14/2010	9210	WOLDU, TIRHAS	LEE, DIANE	JEF/09/A 11

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Terms: **patno=5995221** ([Edit Search](#) | [Suggest Terms for My Search](#))

884417 (08) 5995221 November 30, 1999

## UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**5995221**

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November 30, 1999

Modified concentric spectrograph

**REISSUE:** November 30, 2001 - Reissue Application filed Ex. Gp.: 2876; Re. S.N. 09/998,002 (O.G. July 2, 2002)

**INVENTOR:** Slutter, Warren S. - Lebanon, New Jersey, United States (US); Jiang, Wu - South Plainfield, New Jersey, United States (US); Thevenon, Alain F. R. - Bretigny sur Orge, France (FR); Millet, Viviane D. - Linas, France (FR); Goldstone, Jeremy J. - Piscataway, New Jersey, United States (US)

**CERT-CORRECTION:** November 28, 2000 - a Certificate of Correction was issued for this patent (O.G. November 28, 2000)

**APPL-NO:** 884417 (08)

**FILED-DATE:** June 27, 1997

**GRANTED-DATE:** November 30, 1999

**ASSIGNEE-PRE-ISSUE:** January 13, 1998 - ASSIGNMENT OF ASSIGNS INTEREST (SEE DOCUMENT FOR DETAILS), INSTRUMENTS S.A., INC. 3880 PARK AVENUEEDISON, NEW JERSEY, 08820, Reel and Frame Number: 008944/0298

**ASSIGNEE-AT-ISSUE:** Instruments S.A., Inc., Edison, New Jersey, United States (US), United States company or corporation (02)

**ASSIGNEE-AFTER-ISSUE:** April 23, 2001 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., JOBIN YVON, INC. 3880 PARK AVENUEEDISON, NEW JERSEY, 08820, Reel and Frame Number: 011731/0529  
October 28, 2004 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., HORIBA JOBIN YVON INC. 3880 PARK AVENUEEDISON, NEW JERSEY, 08820, Reel and Frame Number: 015312/0359

**LEGAL-REP:** Fish & NeaveIngerman, Jeffrey H.; Alten, Brett G.

**PUB-TYPE:** November 30, 1999 - Utility Patent having no previously published pre-grant publication (A)

**PUB-COUNTRY:** United States (US)

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- JP10293062 A
- US5995221 A
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## Modified concentric spectrograph

AB  
(EP-862050)

A modified concentric spectrograph for diffracting light with high stray light rejection without astigmatism is provided. The modified spectrograph includes a grating, a lens, and at least one entrance port and one exit port. The grating has a concave surface and a meridian plane with a first side and a second side. The lens has a substantially planar surface and a convex surface. Preferably, the convex and concave surfaces are substantially concentric. The ports are substantially located on different sides of the meridian plane near a focal plane of the spectrograph. The position of a focal plane may be modified using an optically transmissive triangular prism with a reflective surface, and an optically transmissive block. The position of a focal plane may further be modified with one or more optically transmissive plates. Methods for using the spectrograph are also provided. <IMAGE>

## IN

SLUTTER WARREN S MILLET  
VIVIANE D JIANG WU GOLDSTONE  
JEREMY J THEVENON ALAIN F R

## OIN

フレン エス. スラター  
ウージャン  
アレイン エフ. アール. セベノン  
ビビアン ディー. ミレー  
ジェレミー ジェイ. ゴールドストーン

## PA

HORIBA JOBIN YVON  
INSTR  
INSTRUMENTS

## PA0

Instruments S.A., Inc.; 3880 Park  
Avenue; Edison, New Jersey 08820 (US)

## OPA

インストゥルメンツ エス. エイ. , イ  
ンコーポレイテッド【氏名又は名称原  
語表記】 Instruments S.  
A., Inc.

## Published As

	Publ. number	Pub. date	Appl. number	Appl. date	Publ.

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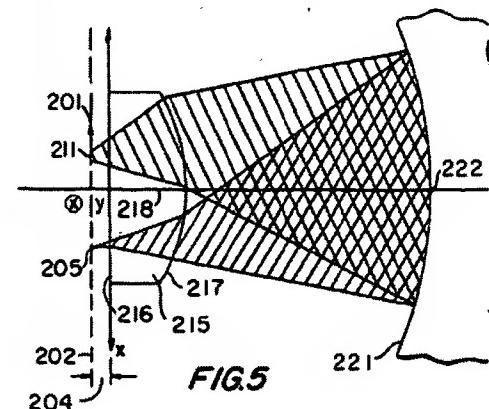


FIG.5

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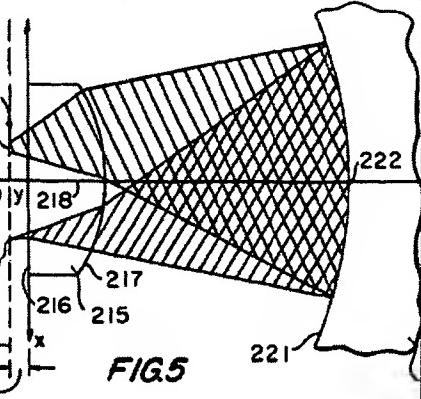
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19980902	EP/AK-A [ADM;POS]	DESIGNATED CONTRACTING STATES: BENANnte VERTRAGSSTAATEN AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
19980902	EP/AX-A [ADM;POS]	EXTENSION OF THE EUROPEAN PATENT TO ERSTRECKUNG DES EUROPÄISCHEN PATENTS AUF AL;LT;LV;MK;RO;SI
19980902	EP/A2 [EXM;POS]	Application published without search report EP0862050 A2 19980902 [EP-862050]
20000412	EP/AK-A [ADM;POS]	DESIGNATED CONTRACTING STATES: BENANnte VERTRAGSSTAATEN AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
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20001220	EP/AKX-A [ADM;PIF;I]	PAYMENT OF DESIGNATION FEES ZAHLUNG VON BENENNUNGSGEBÜHREN
20010125	EP/REG-A; DE/8566	REFERENCE TD A NATIONAL CODE DE: DESIGNATED COUNTRY DE NDT LONGER VALID DE: VERTRAGSSTAAT DE NICHT MEHR BENANNT Corresponding cc: DE
20010711	EP/18D-A [NEG;NIE]	DEEMED TO BE WITHDRAWN ALS ZURÜCKGENOMMEN

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S3	2281	356/326,328.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 11:07
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S6	2	S3 and (non adj zero) and polychromatic and convex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 14:47
S7	3174	356/326-334.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:45
S8	1	S7 and concentric\$3 and ((non adj zero) same diffract\$4) and polychromatic and convex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:46

S9	2	S7 and concentric\$3 and ((non adj zero) same diffract\$4) and convex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:50
S10	393	356/305,307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:47
S11	20	S10 and concentric\$3 and meridian and convex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:48
S12	1	S10 and concentric\$3 and ((non adj zero) same diffract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:53
S13	1	S7 and (diffract\$4 with grating) same port same (exit or output) same (entrance or input) same meridian	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:58
S14	0	S7 and (diffract\$4 with grating) same port same (exit or output) same (entrance or input) same non-zero same mix\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:56
S15	0	S7 and (diffract\$4 with grating) same port same (exit or output) same (entrance or input) same non adj zero same mix\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:56
S16	0	S7 and (diffract\$4 with grating) same port same (exit or output) same (entrance or input) same (non adj zero) same mixing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:57

S17	1	(diffract\$4 with grating) same port same (exit or output) same (entrance or input) same meridian	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:58
S18	1	((diffract\$4 with grating) and port and (exit or output) and (entrance or input) same meridian). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 12:59
S19	2	(polychromatic and refract\$4 and grating and imag\$4 and port). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 13:18
S20	2	("5880834").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 13:18
S21	2	("6549284").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/12 14:05
S22	2	("20060187466").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/14 10:33
S23	1	((diffract\$4 with grating) and port and (exit or output) and (entrance or input) same meridian). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/01 09:51
S24	1	((diffract\$4 with grating) and port and (exit or output) and (entrance or input) same meridian). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/01 09:51

S25	0	(diffraction and grating and convex and surface and transverdly and meridian and exit and entrance and concave).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:08
S28	2	("5995221").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/13 10:33
S29	0	(polychromatic and imag\$4 and refract and grating and exit and entrance).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/13 12:12
S30	1	(polychromatic and imag\$4 and refract\$4 and grating and exit and entrance).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/13 12:13
S33	1	(lens and grating and concave and primary and entrance and exit and entrance and throughput).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/13 12:14

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S26	1	((diffract\$4 with grating) and port and (exit or output) and (entrance or input) same meridian).clm.	USPAT; UPAD	OR	OFF	2010/10/01 09:51
S27	0	(diffraction and grating and convex and surface and transverdly and meridian and exit and entrance and concave).clm.	USPAT; UPAD	OR	ON	2010/10/01 11:08
S34	1	(lens and grating and concave and primary and entrance and exit and entrance and throughput).clm.	USPAT; UPAD	OR	ON	2011/04/13 12:15

S35	1	(polychromatic and image\$4 and refract\$4 and grating and exit and entrance).clm.	USPAT; UPAD	OR	ON	2011/04/13 12:15
S36	1	(polychromatic and image\$4 and refract\$4 and grating and exit and entrance).clm.	USPAT; UPAD	OR	ON	2011/04/13 12:16
S37	1	(lens and grating and concave and primary and entrance and exit and entrance and throughput).clm.	USPAT; UPAD	OR	ON	2011/04/13 12:16

4/19/2011 10:16:53 AM

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